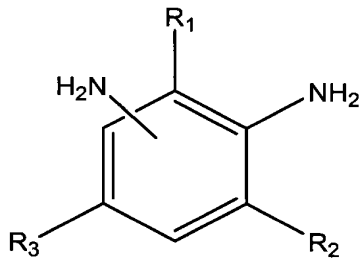


IN THE CLAIMS

Please amend the claims as follows:

Claims 1-9 (canceled)

Claim 10 (currently amended): A method of manufacturing a plastic lens,
comprising: [[by]]
mixing ~~the following~~ components (A) and (B), the component (A) comprising an
isocyanate terminal prepolymer in a form of a reaction product of an aliphatic diisocyanate
having an intramolecular cyclic structure and a diol having an average molecular weight of
300-2,500, the component (B) comprising at least one aromatic diamine denoted by a formula
(I) having a structure,



where in the formula (I), R₁, R₂ and R₃ are each independently one of a methyl, ethyl and
thiomethyl group; immediately after mixing,

casting a mixture of said components (A) and (B) into a casting mold; and
polymerizing [[it]] the mixture to obtain a molded article,
wherein the mixing of the ~~following~~ components (A) and (B) is carried out after
heating said component (A) to reduce [[its]] viscosity of said component (A),
said casting mold has a mold for forming one side of the lens and a mold for forming
the other side thereof that are positioned opposite at a prescribed interval, a circular gasket is
positioned around said [[two]] molds, and a cavity is formed by said molds and gasket, said
gasket has a casting hole for casting [[a]] the mixture of said components (A) and (B) into

said cavity and a discharge hole for discharging gas and said mixture in said cavity to an exterior of the casting mold, that are positioned opposite in a diameter direction,

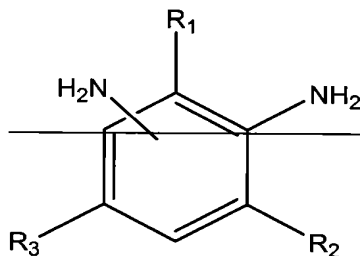
said casting into the casting mold is carried out in a state that said casting mold is tilted from or perpendicular to a horizontal plane as well as said discharge hole is positioned at a top, and

said polymerizing comprises leaving the casting mold in a low-temperature atmosphere to polymerize said mixture in the casting mold by a self-heating of said mixture and leaving the casting mold in a high-temperature atmosphere to further proceed polymerization of said mixture after a temperature of the self-heating reaches a maximum peak.

~~Component (A): isocyanate terminal prepolymer in the form of a reaction product of an aliphatic diisocyanate having an intramolecular cyclic structure and a diol having an average molecular weight of 300-2,500.~~

~~Component (B): one or more aromatic diamines denoted by general formula (I). (In general formula (I), R₁, R₂ and R₃ are each dependently any of a methyl, ethyl or thiomethyl group.)~~

~~General formula (I)~~

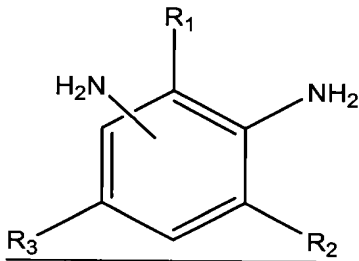


Claim 11 (currently amended): The method of manufacturing according to claim 10, ~~characterized in that~~ wherein said casting mold is preheated prior to said casting of said mixture.

Claim 12 (currently amended): The method of manufacturing according to claim 10, wherein said casting of said mixture into said casting mold is carried out through a tube, one end of which is mounted in a detachable manner to a discharge outlet provided in a mixing chamber in which the ~~following~~ components (A) and (B) are mixed, and the other end of which is connected to said casting hole of the casting mold.

Claim 13 (currently amended): A ~~[[The]]~~ method of manufacturing ~~according to claim 10, characterized in that~~ a plastic lens, comprising:

mixing components (A) and (B), the component (A) comprising an isocyanate terminal prepolymer in a form of a reaction product of an aliphatic diisocyanate having an intramolecular cyclic structure and a diol having an average molecular weight of 300-2,500, the component (B) comprising at least one aromatic diamine denoted by a formula (I) having a structure,



where in the formula (I), R₁, R₂ and R₃ are each independently one of a methyl, ethyl and thiomethyl group;

casting a mixture of said components (A) and (B) into a casting mold; and
polymerizing the mixture to obtain a molded article,
wherein the mixing of the components (A) and (B) is carried out after heating said component (A) to reduce viscosity of said component (A),

said casting mold has a mold for forming one side of the lens and a mold for forming the other side thereof that are positioned opposite at a prescribed interval, a circular gasket is

positioned around said molds, and a cavity is formed by said molds and gasket, said gasket has a casting hole for casting the mixture of said components (A) and (B) into said cavity and a discharge hole for discharging gas and said mixture in said cavity to an exterior of the casting mold, that are positioned opposite in a diameter direction,

said casting into the casting mold is carried out in a state that said casting mold is tilted from or perpendicular to a horizontal plane as well as said discharge hole is positioned at a top, and

~~said gasket is provided with a casting inlet having an indentation communicating with said cavity through said casting hole and a discharge outlet having an indentation communicating with said cavity through said discharge hole,~~

the polymerizing comprises leaving the casting mold in which said mixture has been cast is left in a low-temperature atmosphere to polymerize said mixture in the casting mold, subsequently severing a polymerized portion within the cavity is severed respectively from outside of the cavity that within the casting inlet in the vicinity of at least one of the casting hole and from that within the discharge outlet in the vicinity of the discharge hole, and
[[then]] leaving the casting mold is left in a high-temperature atmosphere to further proceed polymerization of the mixture.

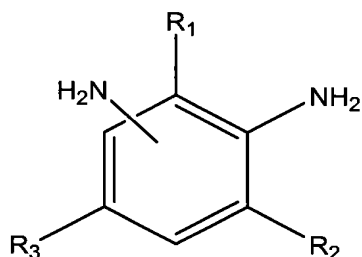
Claim 14 (canceled)

Claim 15 (previously presented): The method of manufacturing according to claim 10, wherein said plastic lens is an eyewear lens.

Claims 16-23 (canceled)

Claim 24 (new): A method of manufacturing a plastic lens, comprising:
mixing components (A) and (B), the component (A) comprising an isocyanate terminal prepolymer in a form of a reaction product of an aliphatic diisocyanate having an intramolecular cyclic structure and a diol having an average molecular weight of 300-2,500,

the component (B) comprising at least one aromatic diamine denoted by a formula (I) having a structure,



where in the formula (I), R₁, R₂ and R₃ are each independently one of a methyl, ethyl and thiomethyl group;

casting a mixture of said components (A) and (B) into a casting mold; and

polymerizing the mixture to obtain a molded article,

wherein the mixing of the components (A) and (B) is carried out after heating said component (A) to reduce viscosity of said component (A),

said casting mold has a mold for forming one side of the lens and a mold for forming the other side thereof that are positioned opposite at a prescribed interval, a circular gasket is positioned around said molds, and a cavity is formed by said molds and gasket, said gasket has a casting hole for casting the mixture of said components (A) and (B) into said cavity and a discharge hole for discharging gas and said mixture in said cavity to an exterior of the casting mold, that are positioned opposite in a diameter direction,

said casting into the casting mold is carried out in a state that said casting mold is tilted from or perpendicular to a horizontal plane as well as said discharge hole is positioned at a top,

said gasket is provided with a casting inlet having an indentation communicating with said cavity through said casting hole and a discharge outlet having an indentation communicating with said cavity through said discharge hole, and

the polymerizing comprises leaving the casting mold in a low-temperature atmosphere to polymerize said mixture in the casting mold, severing a polymerized portion within the cavity respectively from outside of the cavity in the vicinity of at least one of the casting hole and the discharge hole, and leaving the casting mold in a high-temperature atmosphere to further proceed polymerization of the mixture.

Claim 25 (new): The method of manufacturing according to claim 24, wherein said gasket comprises an elastic resin, said casting inlet and said discharge outlet are provided on an outer circumference of said gasket, said severing comprises bending said polymerized portion within the casting inlet and the discharge outlet together with the casting inlet and the discharge outlet.

Claim 26 (new): The method of manufacturing according to claim 11, wherein said casting mold is preheated to a temperature greater than a temperature of the mixture during casting.

Claim 27 (new): The method of manufacturing according to claim 12, wherein the tube is made of a flexible and elastic resin.

Claim 28 (new): The method of manufacturing according to claim 13, wherein said plastic lens is an eyewear lens.

Claim 29 (new): The method of manufacturing according to claim 24, wherein said plastic lens is an eyewear lens.